



# Spotted Lanternfly

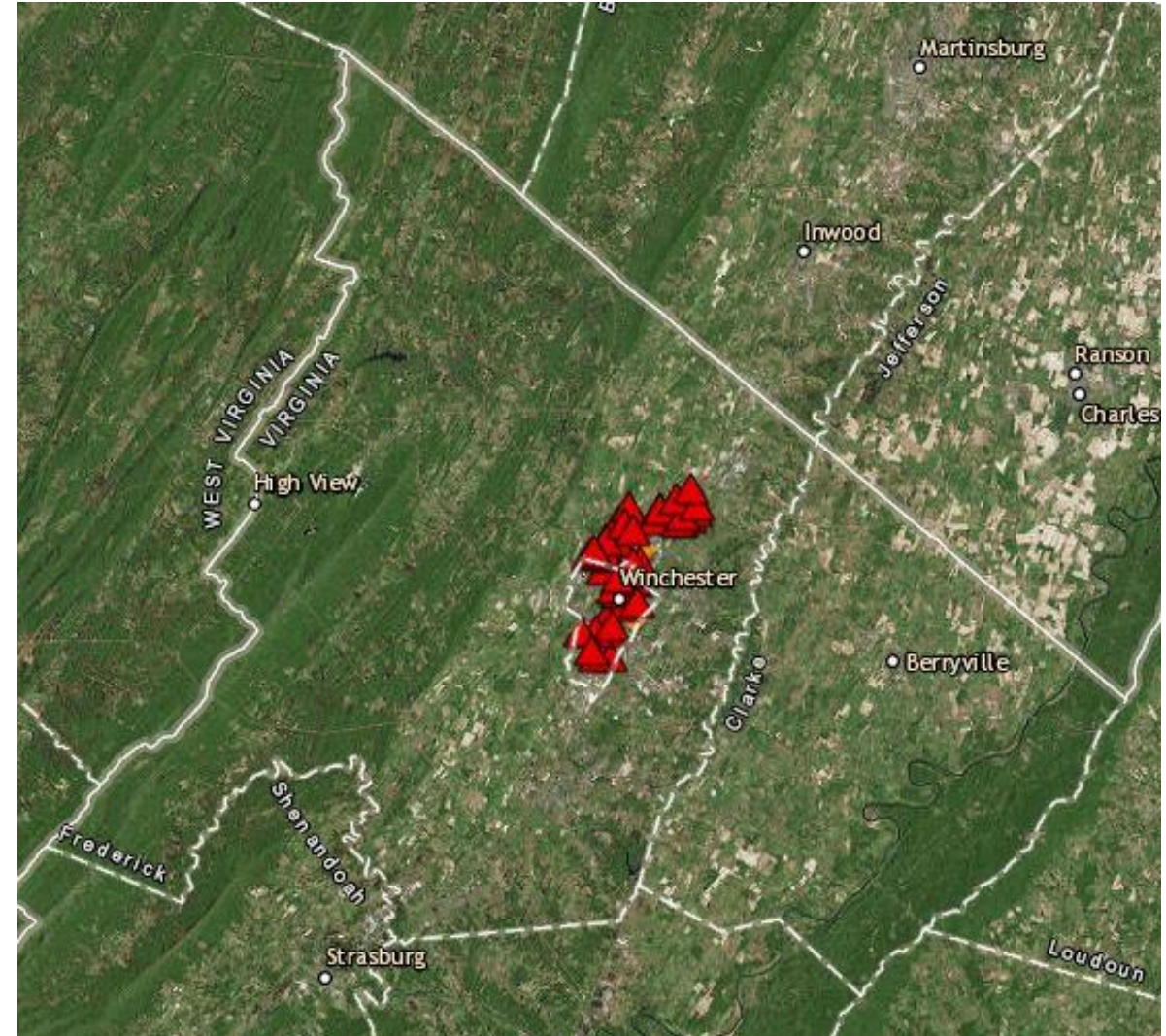
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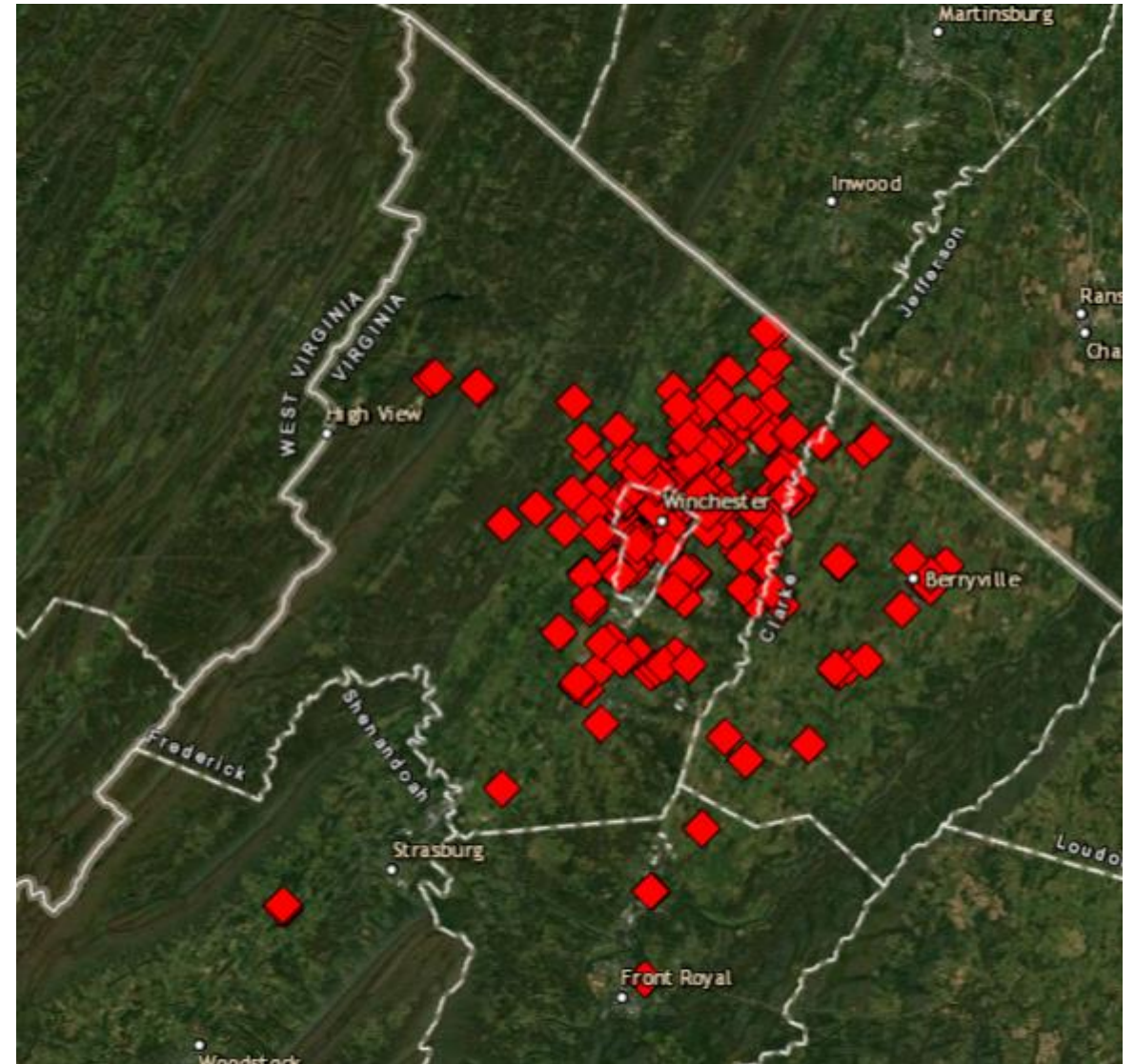
# Spotted lanternfly (SLF) History & Distribution

- First introduced into Berks County, PA in 2014
- Discovered in 2018 in Winchester, VA



# Spotted lanternfly (SLF) History & Distribution

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- Discovered in 2018 in Winchester, VA
- In 2020, populations found in Frederick, Warren, Clarke, Shenandoah, & Augusta counties





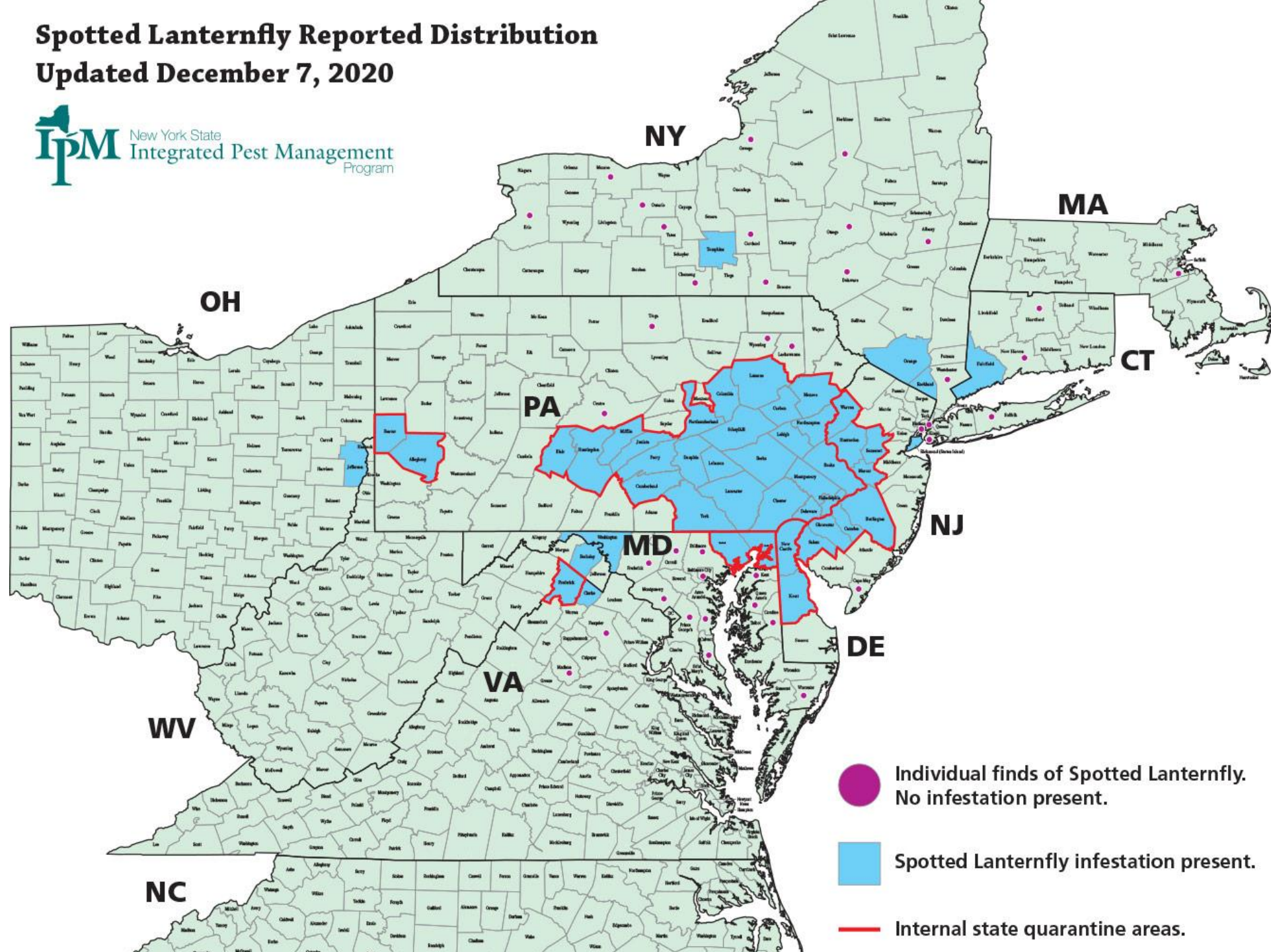
# Spotted Lanternfly Reported Distribution

## Updated December 7, 2020



Spotted  
Lanternfly is  
moving with  
people

Trains and autos  
Wood and  
trucking





# Threat of SLF

- Agriculture product quality
  - Apples & Grapes
- Other business implications (quarantine/permitting)
  - Stone, gravel, trucking, other regulated articles
- Nuisance pest for homeowners/landowners
- Agro-tourism
- Forestry and recreation





# Hosts

- Grape
- Apple
- Birch
- **Tree of heaven**
- Peach
- Cherry
- Dogwood
- Lilac
- Maple
- Poplar
- Poison Ivy
- Likes smooth bark trees. Plants with certain toxins and plants that are relatively high in sugar.
- The host range is wider on the young spotted lantern fly and narrows as they mature.





# What Can Localities Do

- Monitor for SLF
  - Thank you to Environmental Services and Parks and Rec
  - Will continue to use volunteers and staff to monitor
- Support outreach efforts regarding SLF – train staff
- Report sightings
  - Tim Ohlwiler- [tohlwiler@vt.edu](mailto:tohlwiler@vt.edu)
- Remove tree of heaven





# Questions?

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